

INSTRUCTIONS
FORM F15a
ENGINES

Department of Environmental Quality
Division of Air Quality
P.O. Box 144820
Salt Lake City, UT 84114-4820
Telephone (801) 536-4000

DAQ ID	For office use only.
Pt. Source ID	Provide the identification number for each source.
SCC	Enter the appropriate Source Classification Code (SCC). See the General Instructions for explanation.
Source Description	Describe the source generating emissions, such as reciprocating driven IC engines, emergency backup power generators, turbine driven IC engines, external combustion engines, flares, etc.
Associated Stack ID	Provide ID number for the stack (will correspond to the ID on form F15b - Stack Information).
NSPS	If equipment is regulated under the New Source Performance Standards (NSPS), enter yes or check box.
Design Rate	List the maximum design output in 10^6 BTU/hr.
Power Rating	Rate the power generated in horse power.
% Efficiency	Provide the engine efficiency information.
Fuel Type	State the type of fuel used in this unit, such as natural gas, diesel fuel, gasoline, etc.
Amount	Provide the total quantity of fuel used for the engine during the year.
Units/year	Provide appropriate units, i.e., gal./yr, ft ³ /yr, etc.
Heating Value	State the heating value of fuel consumed.
Units	Provide appropriate units for heating value of the fuel (BTU/gal, BTU/ft ³ , etc.) .
% Sulfur/% H ₂ S	State the percentage of sulfur and hydrogen sulfide in the natural gas for natural gas sweetening. If possible, include the latest elemental gas analysis in mole percentage.
Emission Control Code	See Table I of the General Instructions for options.
% Collection Efficiency	Rate the emission control facility and state the efficiency. If none, so indicate.

Emissions	Calculate the quantity of emissions exhausted to the atmosphere. Provide complete calculations on a separate sheet.
% Emissions from Breakdown	Determine what %, if any, of the emissions listed was due to breakdown or maintenance of control facilities.
Estimate Code	Provide the valid method code for quantifying actual emissions of each pollutant. The valid method codes are listed in Table II of the General Instructions. These are the only codes which will be accepted. If the Estimate Code 8 (AP-42 factors) is used, please provide the section number of AP-42 in the Comment column.
Emission Factor	Provide the emission factor used to calculate the estimated emissions for each pollutant.
Units	Units appropriate to the emissions factor used must be provided.